

Fig. 1a

ATG	AGG	GCG	CTG	GAG	GGG	CCA	GGC	CTG	TCG	CTG	CTG	TGC	CTG	GTG	TTG	48
Met	Arg	Ala	Leu	Glu	Gly	Pro	Gly	Leu	Ser	Leu	Leu	Cys	Leu	Val	Leu	
GCG	CTG	CCT	GCC	CTG	CTG	CCG	GTG	CCG	GCT	GTA	CGC	GGA	GTG	GCA	GAA	96
Ala	Leu	Pro	Ala	Leu	Leu	Pro	Val	Pro	Ala	Val	Arg	Gly	Val	Ala	Glu	
ACA	CCC	ACC	TAC	CCC	TGG	CGG	GAC	GCA	GAG	ACA	GGG	GAG	CGG	CTG	GTG	144
Thr	Pro	Thr	Tyr	Pro	Trp	Arg	Asp	Ala	Glu	Thr	Gly	Glu	Arg	Leu	Val	
TGC	GCC	CAG	TGC	CCC	CCA	GGC	ACC	TTT	GTG	CAG	CGG	CCG	TGC	CGC	CGA	192
Cys	Ala	Gln	Cys	Pro	Pro	Gly	Thr	Phe	Val	Gln	Arg	Pro	Cys	Arg	Arg	
GAC	AGC	CCC	ACG	ACG	TGT	GGC	CCG	TGT	CCA	CCG	CGC	CAC	TAC	ACG	CAG	240
Asp	Ser	Pro	Thr	Thr	Cys	Gly	Pro	Cys	Pro	Pro	Arg	His	Tyr	Thr	Gln	
TTT	TGG	AAC	TAC	CTG	GAG	CGC	TGC	CGC	TAC	TGC	AAC	GTC	CTC	TGC	GGG	288
Phe	Trp	Asn	Tyr	Leu	Glu	Arg	Cys	Arg	Tyr	Cys	Asn	Val	Leu	Cys	Gly	
GAG	CGT	GAG	GAG	GAG	GCA	CGG	GCT	TGC	CAC	GCC	ACC	CAC	AAC	CGT	GCC	336
Glu	Arg	Glu	Glu	Glu	Ala	Arg	Ala	Cys	His	Ala	Thr	His	Asn	Arg	Ala	
TGC	CGC	TGC	CGC	ACC	GGC	TTC	TTC	GCG	CAC	GCT	GGT	TTC	TGC	TTG	GAG	384
Cys	Arg	Cys	Arg	Thr	Gly	Phe	Phe	Ala	His	Ala	Gly	Phe	Cys	Leu	Glu	
CAC	GCA	TCG	TGT	CCA	CCT	GGT	GCC	GGC	GTG	ATT	GCC	CCG	GGC	ACC	CCC	432
His	Ala	Ser	Cys	Pro	Pro	Gly	Ala	Gly	Val	Ile	Ala	Pro	Gly	Thr	Pro	
AGC	CAG	AAC	ACG	CAG	TGC	CAG	CCG	TGC	CCC	CCA	GGC	ACC	TTC	TCA	GCC	480
Ser	Gln	Asn	Thr	Gln	Cys	Gln	Pro	Cys	Pro	Pro	Gly	Thr	Phe	Ser	Ala	
AGC	AGC	TCC	AGC	TCA	GAG	CAG	TGC	CAG	CCC	CAC	CGC	AAC	TGC	ACG	GCC	528
Ser	Ser	Ser	Ser	Ser	Glu	Gln	Cys	Gln	Pro	His	Arg	Asn	Cys	Thr	Ala	
CTG	GGC	CTG	GCC	CTC	AAT	GTG	CCA	GGC	TCT	TCC	TCC	CAT	GAC	ACC	CTG	576
Leu	Gly	Leu	Ala	Leu	Asn	Val	Pro	Gly	Ser	Ser	Ser	His	Asp	Thr	Leu	
TGC	ACC	AGC	TGC	ACT	GGC	TTC	CCC	CTC	AGC	ACC	AGG	GTA	CCA	GGA	GCT	624
Cys	Thr	Ser	Cys	Thr	Gly	Phe	Pro	Leu	Ser	Thr	Arg	Val	Pro	Gly	Ala	
GAG	GAG	TGT	GAG	CGT	GCC	GTC	ATC	GAC	TTT	GTG	GCT	TTC	CAG	GAC	ATC	672
Glu	Glu	Cys	Glu	Arg	Ala	Val	Ile	Asp	Phe	Val	Ala	Phe	Gln	Asp	Ile	
TCC	ATC	AAG	AGG	CTG	CAG	CGG	CTG	CTG	CAG	GCC	CTC	GAG	GCC	CCG	GAG	720
Ser	Ile	Lys	Arg	Leu	Gln	Arg	Leu	Leu	Gln	Ala	Leu	Glu	Ala	Pro	Glu	
GGC	TGG	GGT	CCG	ACA	CCA	AGG	GCG	GGC	CGC	GCG	GCC	TTG	CAG	CTG	AAG	768
Gly	Trp	Gly	Pro	Thr	Pro	Arg	Ala	Gly	Arg	Ala	Ala	Leu	Gln	Leu	Lys	

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Fig. 1b

CTG CGT CGG CGG CTC ACG GAG CTC CTG GGG GCG CAG GAC GGG GCG CTG 816
Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu

CTG GTG CGG CTG CTG CAG GCG CTG CGC GTG GCC AGG ATG CCC GGG CTG 864
Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu

GAG CGG AGC GTC CGT GAG GCG TTC CTC CCT GTG CAC 900
Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His

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Fig. 2a

agg	gcg	ctg	gag
R	A	L	E
gcg	ctg	cct	gcc
A	L	P	A
gaa	aca	ccc	acc
E	T	P	T
ctg	gtg	tgc	gcc
L	V	C	A
tgc	cgc	cga	gac
C	R	R	D
cac	tac	acg	cag
H	Y	T	Q
aac	gtc	ctc	tgc
N	V	L	C
gcc	acc	cac	aac
A	T	H	N
cac	gct	ggg	ttc
F	A	H	A
ggc	gtg	att	gcc
G	A	G	V
ccg	tgc	ccc	cca
C	Q	P	C
cag	tgc	cag	ccc
S	E	Q	C
aat	gtg	cca	ggc
A	L	N	V
act	ggc	ttc	ccc
S	C	T	G
gag	cgt	gcc	gtc
E	C	E	R
aag	agg	ctg	cag
S	I	K	R
tgg	gct	ccg	aca
E	G	W	A

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Fig. 2b

cgc	gcg	gcc	ttg	cag	ctg	aag	ctg	cgt	cgg	cgg	ctc	acg	gag	ctc	816
A	G	R	A	A	L	Q	L	K	L	R	R	R	L	T	
ctg	ggg	gcg	cag	gac	ggg	gcg	ctg	ctg	gtg	cgg	ctg	ctg	cag	gcg	861
E	L	L	G	A	Q	D	G	A	L	L	V	R	L	L	
ctg	cgc	gtg	gcc	agg	atg	ccc	ggg	ctg	gag	cgg	agc	gtc	cgt	gag	906
Q	A	L	R	V	A	R	M	P	G	L	E	R	S	V	
cgc	ttc	ctc	cct	gtg	cac	tga	tcc	tggccc							936
R	E	R	F	L	P	W	H								

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Fig. 3

gtg gca gaa aca ccc acc tac ccc tgg cgg gac gca gag aca ggg	45
V A E T P T Y P W R D A E T G	
gag cgg ctg gtg tgc gcc cag tgc ccc cca ggc acc ttt gtg cag	90
E R L V C A Q C P P G T F V Q	
cgg ccg tgc cgc cga gac agc ccc acg acg tgt ggc ccg tgt cca	135
R P C R R D S P T T C G P C P	
ccg cgc cac tac acg cag ttc tgg aac tac ctg gag cgc tgc cgc	180
P R H Y T Q F W N Y L E R C R	
tac tgc aac gtc ctc tgc ggg gag cgt gag gag gag gca cgg gct	225
Y C N V L C G E R E E E A R A	
tgc cac gcc acc cac aac cgt gcc tgc cgc tgc cgc acc ggc ttc	270
C H A T H N R A C R C R T G F	
ttc gcg cac gct ggt ttc tgc ttg gag cac gca tcg tgt cca cct	315
F A H A G F C L E H A S C P P	
ggt gcc ggc gtg att gcc ccg ggc acc ccc agc cag aac acg cag	360
G A G V I A P G T P S Q N T Q	
tgc cag ccg tgc ccc cca ggc acc ttc tca gcc agc agc tcc agc	405
C Q P C P P G T F S A S S S S	
tca gag cag tgc cag ccc cac cgc aac tgc acg gcc ctg ggc ctg	450
S E Q C Q P H R N C T A L G L	
gcc ctc aat gtg cca ggc tct tcc tcc cat gac acc ctg tgc acc	495
A L N V P G S S S H D T L C T	
agc tgc act ggc ttc ccc ctc agc acc agg gta cca gga gct gag	540
S C T G F P L S T R V P G A E	
gag tgt gag cgt gcc gtc atc gac ttt gtg gct ttc cag gac atc	585
E C E R A V I D F V A F Q D I	
tcc atc aag agg ctg cag cgg ctg ctg cag gcc ctc gag gcc ccg	630
S I K R L Q R L L Q A L E A P	
gag ggc tgg ggt ccg aca cca agg gcg ggc cgc gcg gcc ttg cag	675
E G W G P T P R A G R A A L Q	
ctg aag ctg cgt cgg cgg ctc acg gag ctc ctg ggg gcg cag gac	720
L K L R R R L T E L L G A Q D	
ggg gcg ctg ctg gtg cgg ctg ctg cag gcg ctg cgc gtg gcc agg	765
G A L L V R L L Q A L R V A R	
atg ccc ggg ctg gag cgg agc gtc cgt gag cgc ttc ctc cct gtg	810
M P G L E R S V R E R F L P V	
cac	813

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Fig. 4a

gtg gca gaa aca ccc acc tac ccc tgg cgg gac gca gag aca ggg 45
 V A E T P T Y P W R D A E T G

 gag cgg ctg gtg tgc gcc cag tgc ccc cca ggc acc ttt gtg cag 90
 E R L V C A Q C P P G T F V Q

 cgg ccg tgc cgc cga gac agc ccc acg acg tgt ggc ccg tgt cca 135
 R P C R R D S P T T C G P C P

 ccg cgc cac tac acg cag ttc tgg aac tac ctg gag cgc tgc cgc 180
 P R H Y T Q F W N Y L E R C R

 tac tgc aac gtc ctc tgc ggg gag cgt gag gag gag gca cgg gct 225
 Y C N V L C G E R E E E A R A

 tgc cac gcc acc cac aac cgt gcc tgc cgc tgc cgc acc ggc ttc 270
 C H A T H N R A C R C R C R T

 ttc gcg cac gct ggt ttc tgc ttg gag cac gca tcg tgt cca cct 315
 G F F A H A G F C L E H A S C

 ggt gcc ggc gtg att gcc ccg gcc acc ccc agc cag aac acg cag 360
 P P G A G V I A P G T P S Q N

 tgc cag ccg tgc ccc cca ggc acc ttc tca gcc agc agc tcc agc 405
 T Q C Q P C P P G T F S A S S

 tca gag cag tgc cag ccc cac cgc aac tgc acg gcc ctg ggc ctg 450
 S S S E Q C Q P H R N C T A L

 gcc ctc aat gtg cca ggc tct tcc tcc cat gac acc ctg tgc acc 495
 G L A L N V P G S S S H D T L

 agc tgc act ggc ttc ccc ctc agc acc agg gta cca gga gct gag 540
 C T S C T G F P L S T R V P G

 gag tgt gag cgt gcc gtc atc gac ttt gtg gct ttc cag gac atc 585
 A E E C E R A V I D F V A F Q

 tcc atc aag agg ctg cag cgg ctg ctg cag gcc ctc gag gcc ccg 630
 D I S I K R L Q R L L Q A L E

 gag ggc tgg gct ccg aca cca agg gcg ggc cgc gcg gcc ttg cag 675
 A P E G W A P T P R A G R A A

 ctg aag ctg cgt cgg cgg ctc acg gag ctc ctg ggg gcg cag gac 720
 L Q L K L R R R L T E L L G A

660000" 29508260

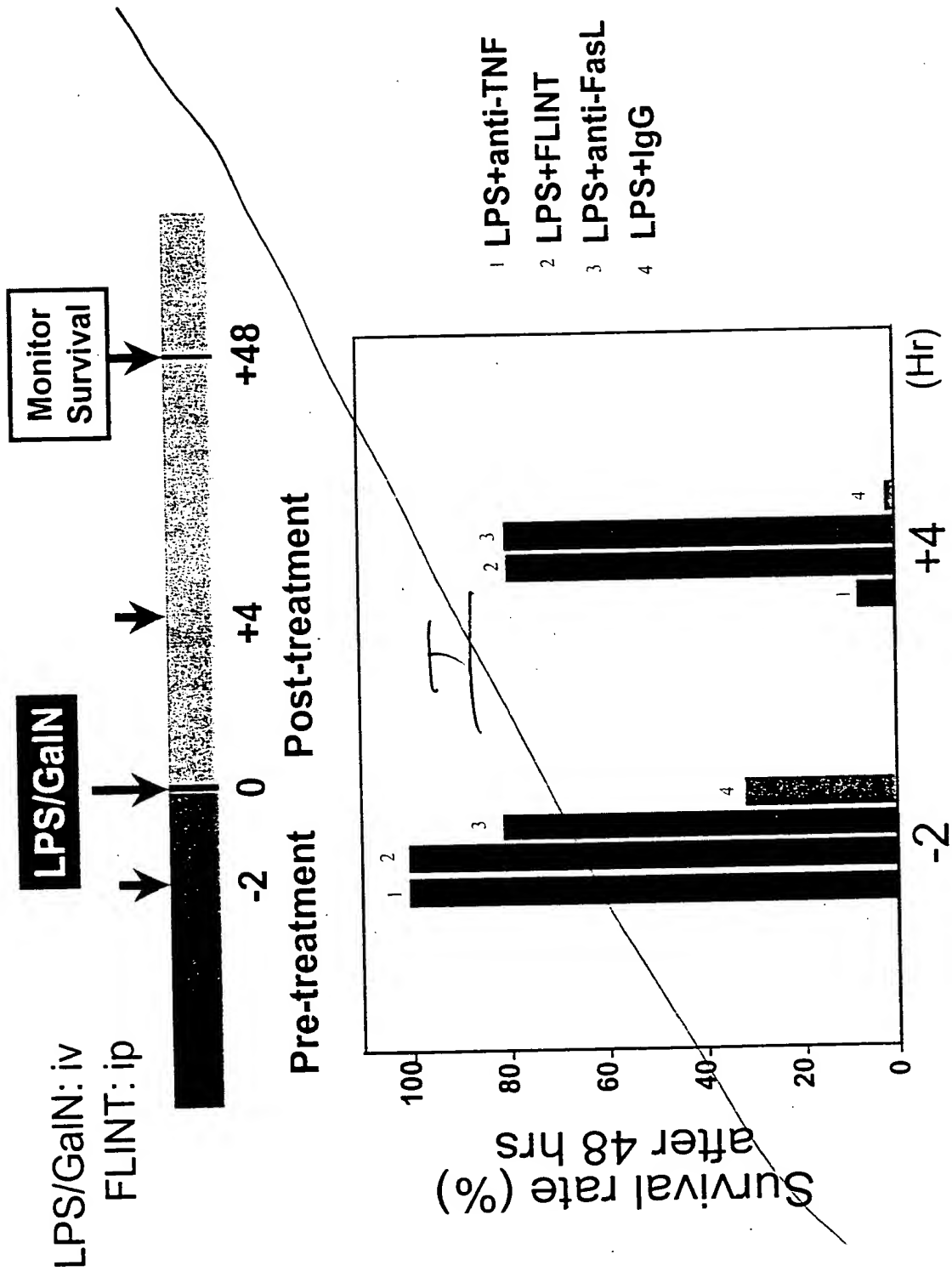
Fi
ca
L
co
S

gag gcg ctg
L L Q

cgt gag cgc
S V R

111

Fig. 5



Time of Compound Treatment
against LPS Challenge

Fig. 6

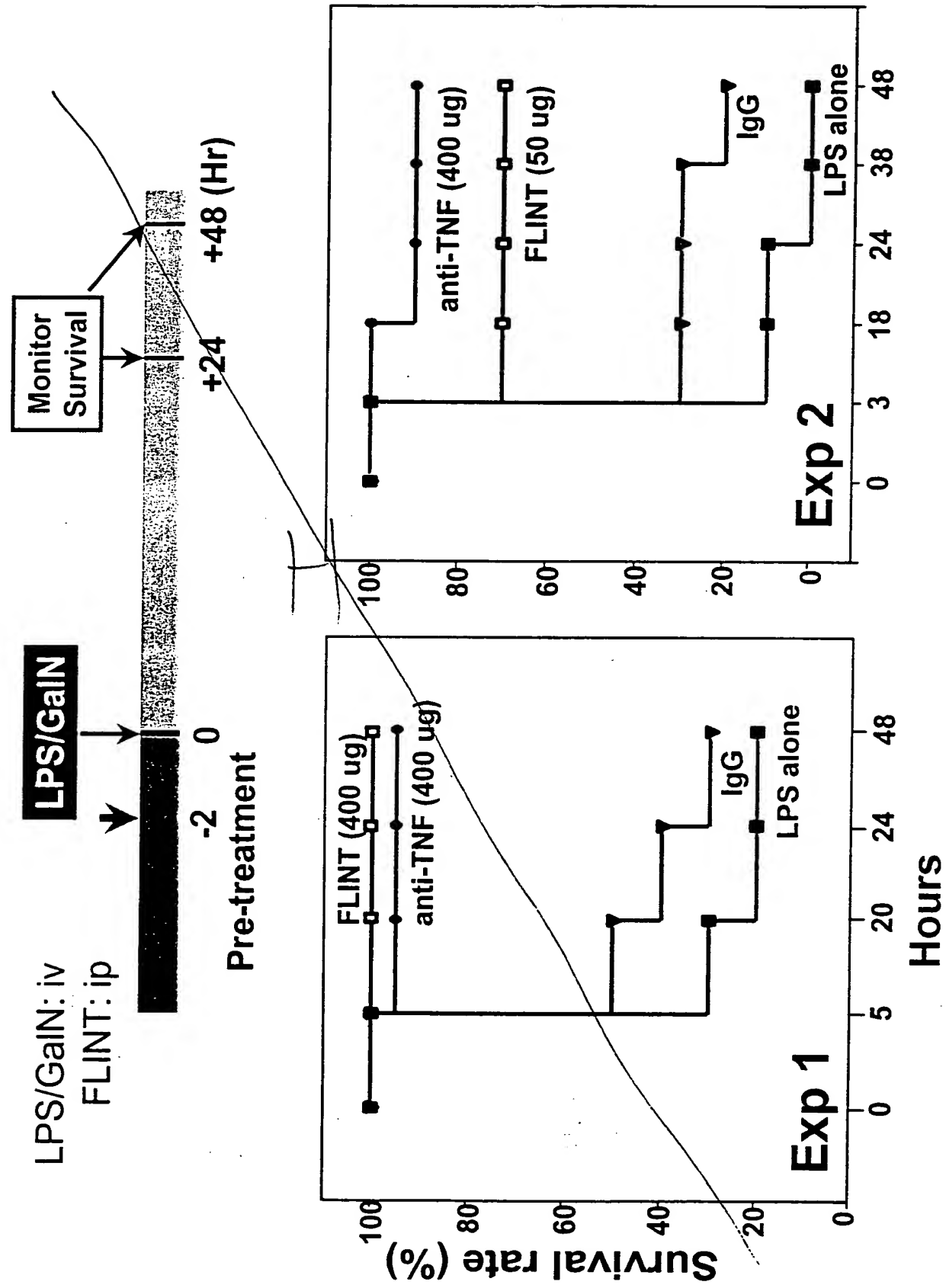


Fig. 7

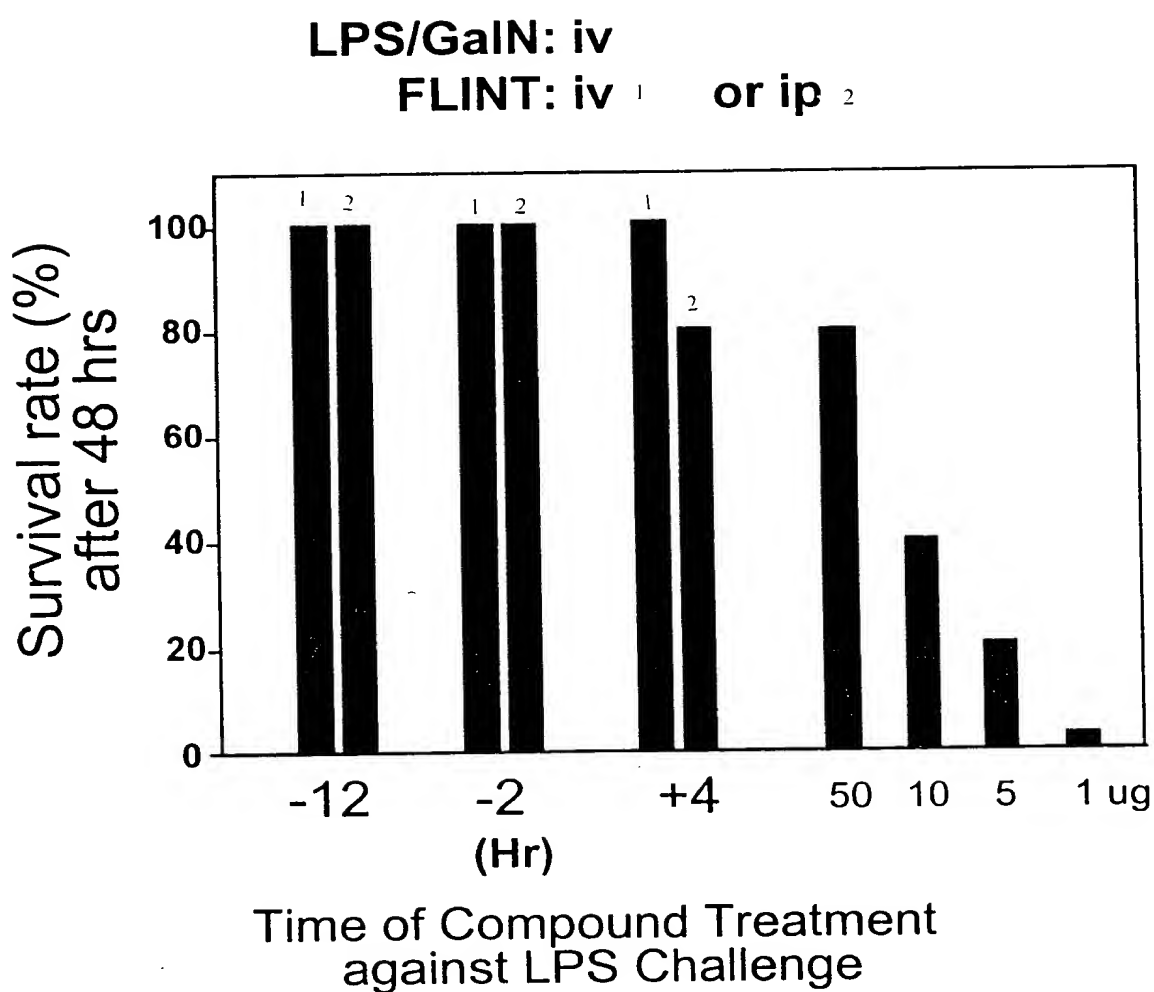


Fig. 8

**B16 MELANOMA :
TUMOR RESPONSE TO OPG3 or OPG2**

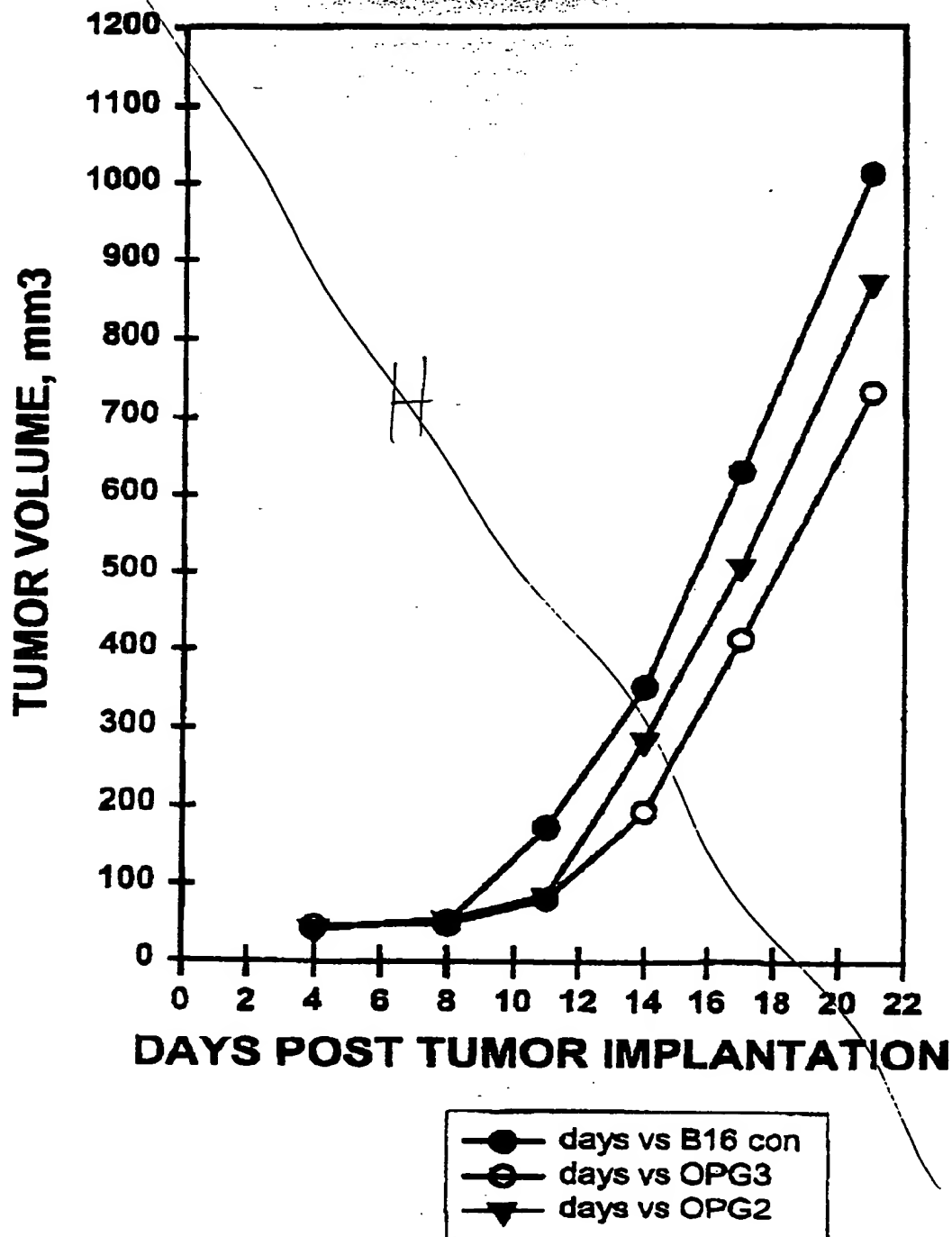
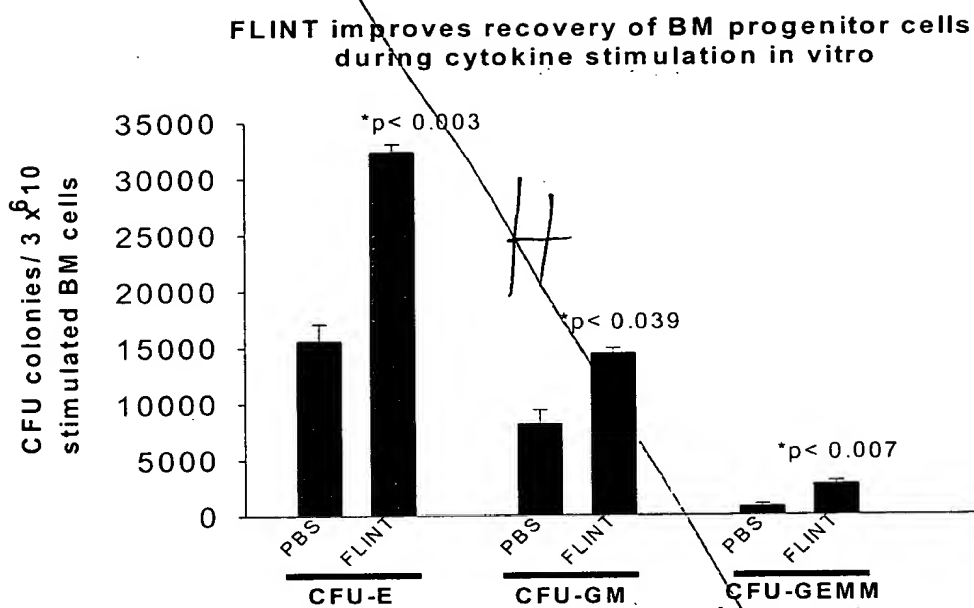
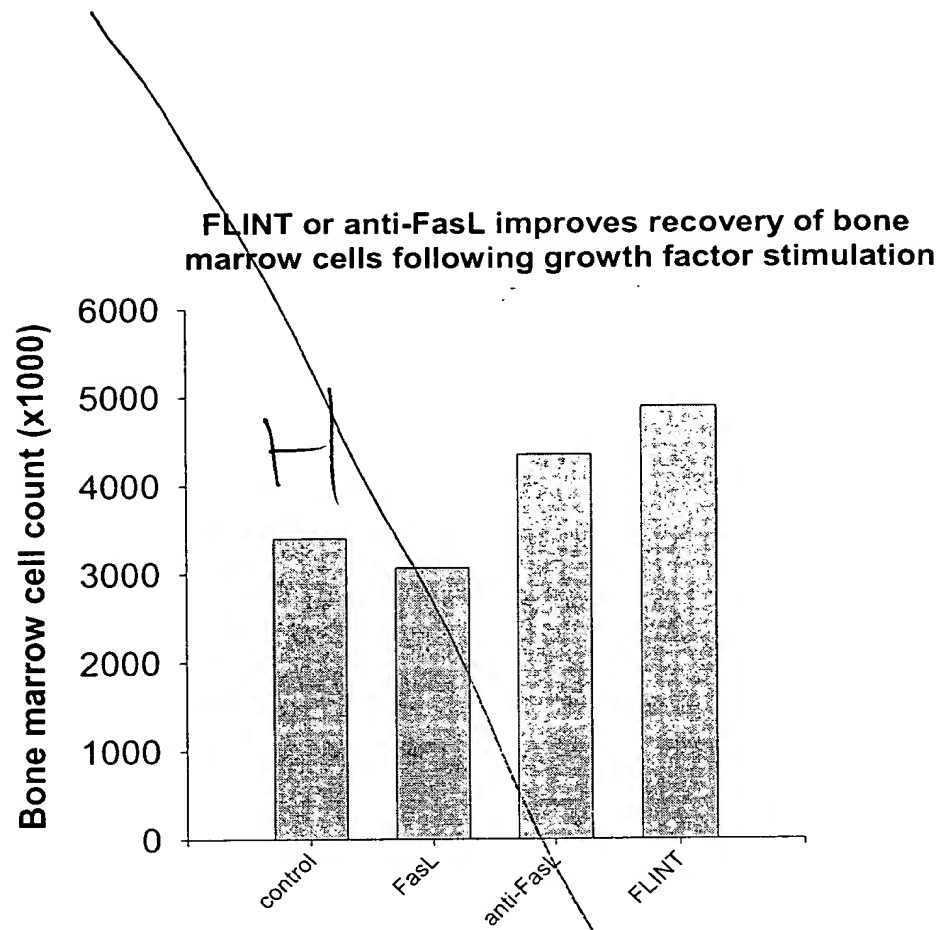


Fig. 9



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Fig. 10



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